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8**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: David R. Fischell, et al. :  
 Serial No: 10/642,245 : Art Unit # 3762  
 Filed: 18 August 2003 : Examiner:  
 Title: SYSTEM FOR THE DETECTION : B. Jackson  
 OF CARDIAC EVENTS

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

The Applicants wish to make the following art references of record in the above-identified Patent Application pursuant to 37 C.F.R. §§ 1.97 and 1.98, and to the Duty of Disclosure set forth in 37 C.F.R. § 1.56.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject Patent Application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search was made or that no other material information, as defined in 37 C.F.R. § 1.56(b), exists.

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**I. The cited Patent references are:**

<u>Ref. No.</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor(s)</u>
A	6,501,983	12/31/2002	Natarajan, et al.
B	6,442,432	8/27/2002	Lee
C	6,368,284	4/9/2002	Bardy
D	6,272,379	8/7/2001	Fischell, et al.
E	6,128,526	10/3/2000	Stadler, et al.
F	6,112,116	8/29/2000	Fischell, et al.
G	5,792,066	8/11/1998	Kwong
H	5,497,780	3/12/1996	Zehender
I	5,313,953	5/24/1994	Yomtov, et al.
J	5,199,428	4/6/1993	Obel, et al.
K	5,135,004	8/4/1992	Adams, et al.
L	5,113,869	5/19/1992	Nappholz, et al.
M	7,066,891	6/27/2006	Stadler, et al.

**II. The cited Non-Patent Literature references are:**

<u>Ref. No.</u>	<u>Description</u>
A1	Zimmerman, M., et al.; "On Improving the Classification of Myocardial Ischemia Using Holter ECG Data"; Computers in Cardiology; 2004, 31, pp. 377 – 380.
B1	Kligfield, et al.; "Heart rate adjustment of ST segment depression for improved detection of coronary artery disease"; Circulation; 1989, Vol. 79, No. 2, pp. 245 – 255.
C1	Okin, et al.; "Recovery-Phase Patterns of ST Segment Depression in the Heart Rate Domain"; Circulation; 1989, Vol. 80, No. 3, pp. 533 – 541.

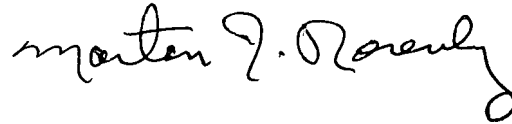
This Information Disclosure Statement is being filed after the mailing of a first Office Action, but before the mailing date of any of a final action under 37 C.F.R. § 1.113, a notice of allowance under 37 C.F.R. § 1.311, or an action that otherwise closes prosecution in the application.

Pursuant to 37 C.F.R. § 1.97(c)(2), the fee of \$180.00 set forth in 37 C.F.R. § 1.17(p) is enclosed herewith. If there are any further fees necessary in this filing, the Director of Patents and Trademarks is hereby authorized to charge Deposit Account #18-2011 for such additional charges.

A Form PTO/SB/08A and a Form PTO/SB/08 B (Substitutes for Form 1449/PTO) and copies of the Non-Patent Literature references are submitted along

with this document. It is requested that the Examiner consider the cited references and make them of record in the above-referenced Patent Application.

Respectfully submitted,  
FOR: ROSENBERG, KLEIN & LEE

A handwritten signature in cursive script, appearing to read "Morton J. Rosenberg".

Morton J. Rosenberg  
Registration No. 26,049

Dated: 9/8/07

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/642,245

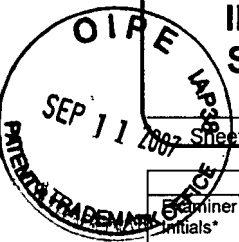
Filing Date 8/18/2003

First Named Inventor D. Fischell, et al.

Art Unit 3762

Examiner Name B. Jackson

Attorney Docket Number MR3065-19



U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 6,501,983	12/31/2002	Natarajan, et al.	
	B	US- 6,442,432	8/27/2002	Lee	
	C	US- 6,368,284	4/9/2002	Bardy	
	D	US- 6,272,379	8/7/2001	Fischell, et al.	
	E	US- 6,128,526	10/3/2000	Stadler, et al.	
	F	US- 6,112,116	8/29/2000	Fischell, et al.	
	G	US- 5,792,066	8/11/1998	Kwong	
	H	US- 5,497,780	3/12/1996	Zehender	
	I	US- 5,313,953	5/24/1994	Yomtov, et al.	
	J	US- 5,199,428	4/6/1993	Obel, et al.	
	K	US- 5,135,004	8/4/1992	Adams, et al.	
	L	US- 5,113,869	5/19/1992	Nappholz, et al.	
	M	US- 7,066,891	6/27/2006	Stadler, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/642,245
		Filing Date	8/18/2003
		First Named Inventor	D. Fischell, et al.
		Art Unit	3762
		Examiner Name	B. Jackson
Sheet 2 of 2	Attorney Docket Number		MR3065-19

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	Zimmerman, M., et al.; "On Improving the Classification of Myocardial Ischemia Using Holter ECG Data"; Computers in Cardiology; 2004, 31, pp. 377 – 380.	
	B1	Kligfield, et al.; "Heart rate adjustment of ST segment depression for improved detection of coronary artery disease"; Circulation; 1989, Vol. 79, No. 2, pp. 245 – 255.	
	C1	Okin, et al.; "Recovery-Phase Patterns of ST Segment Depression in the Heart Rate Domain"; Circulation; 1989, Vol. 80, No. 3, pp. 533 – 541.	

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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